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HAZARDOUS MATERIALS  
MANAGEMENT DIVISION

(1914)  
JFS  
7/11/95

July 10, 1995

Mr. Steve Sanborn  
Chittenden Central Supervisory Union  
7 Meadow Terrace  
Essex Junction, Vermont 05452

RE: Results of Soil Screening at Westford Elementary School  
Westford, Vermont (VTDEC Site #93-1419)

Dear Mr. Sanborn,

This letter summarizes the results of screening of the soil stockpile containing residual petroleum at the Westford Elementary School in Westford, Vermont. The stockpile, which contains approximately eight cubic yards of soil, resulted from activities associated with the removal of a heating oil underground storage tank on July 1, 1993.

On June 15, 1995, Griffin inspected and conducted screening of the soil stockpile for VOCs using a photo ionization detector (PID). No visual or olfactory indications of petroleum contamination were evident in the soils. Four hand auger holes were bored in the stockpile. The holes were bored to a depth of two feet and were distributed to yield samples statistically representative of the stockpile. A sample was collected from each hole and placed into a sample bag. The head space of the bags were then screened for VOCs using a PID via Griffin's Soil Screening Protocol. VOC concentrations were found to range from 0.2 to 1.5 parts per million (ppm). The mean concentration level for the stockpile is calculated to be 0.7 ppm. This is lower than the 2.5 ppm average VOC concentration last year. VOC concentrations are tabulated below:

<u>Sample Number</u>	<u>Depth (Ft)</u>	<u>PID Response (ppm)</u>
1	2	0.3
2	2	1.5
3	2	0.9
4	2	0.2

Mr. Steve Sanborn

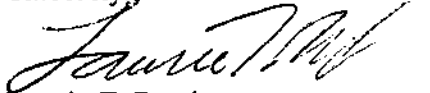
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Since the average VOC concentration in the soil stockpile is less than one ppm and no visual or olfactory indications of petroleum contamination remain, we recommend the soil be reclaimed by spreading the soils on site and re-vegetating them. The soils should not be reclaimed prior to approval by the Vermont Department of Environmental Conservation (VTDEC). After the soils have been reclaimed, Westford Elementary School will have met all of the requirements for "Sites Management Activities Complete" (SMAC) status. Therefore, we also recommend that the site be removed from the Vermont Hazardous Waste Sites List after the soils have been reclaimed.

Griffin is pleased to have conducted this work for you. Please call if you have any questions regarding this matter.

Sincerely,



Laurie T. Reed,  
Project Geologist

c. Richard Spiese, VT DEC